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(54) Title: ORGANIC COMPOUNDS WITH BIOLOGICAL ACTIVITY AS THROMBIN  
INHIBITORS AND USE THEREOF

(57) Abstract: The invention relates to biologically active molecules, interacting with thrombin and inhibiting the same. The invention particularly relates to molecules of general formula (I):  $Y^1-(NH-X^1-C=O)-(NH-X^2-C=O)-(NH-X^3-C=O)-(NH-X^4-C=O)-(NH-X^5-C=O)-(NH-X^6-C=O)-Y^2$ , in which  $Y^1$ ,  $Y^2$  and  $X^{1-6}$  have the meanings given in the description, N- or C-terminal shortened variants of said compounds and the use thereof for the production of medicaments.